APPLN. FILING DATE: JANUARY 2, 2002

TITLE: PERPENDICULAR MAGNETIC THIN FILM...

INVENTOR(S): KYUNG-JIN LEE ET AL. APPLICATION SERIAL NO: 030681-354

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FIG. 1 (PRIOR ART)

LUBRICANT LAYER (15)

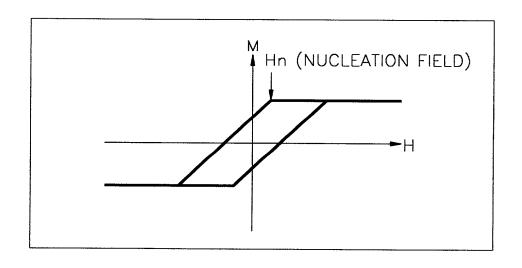
PROTECTIVE LAYER (14)

PERPENDICULAR MAGNETIC RECORDING LAYER (13)

PERPENDICULARLY-ORIENTED UNDERLAYER (12)

SUBSTRATE (10)

FIG. 2 (PRIOR ART)



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FIG. 3A

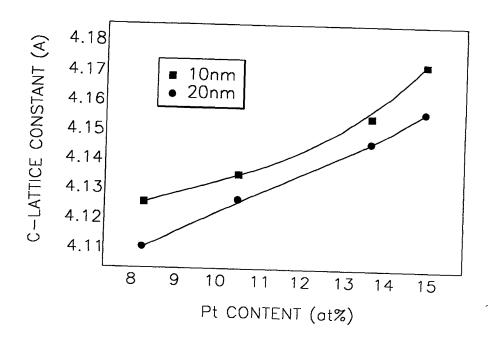
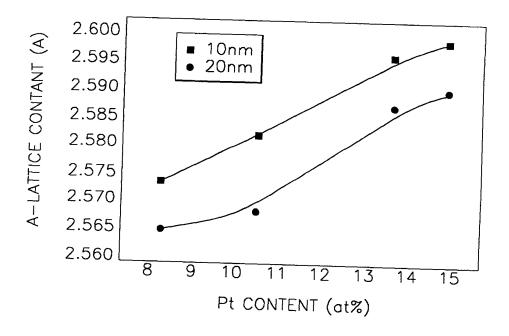


FIG. 3B



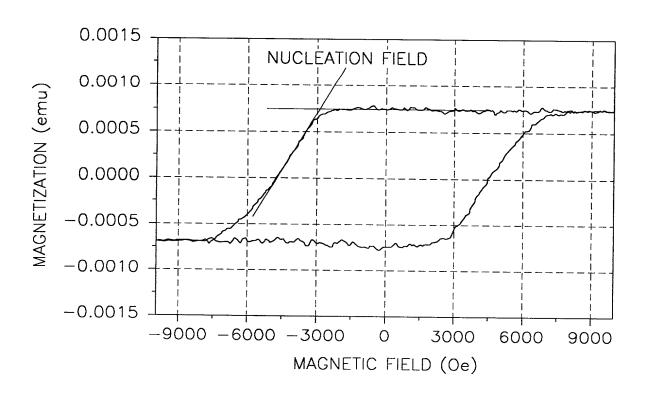
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FIG. 4



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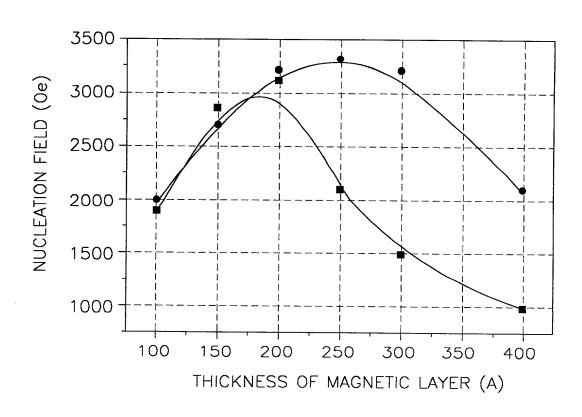
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INVENTOR(S): KYUNG-JIN LEE ET AL.

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FIG. 5

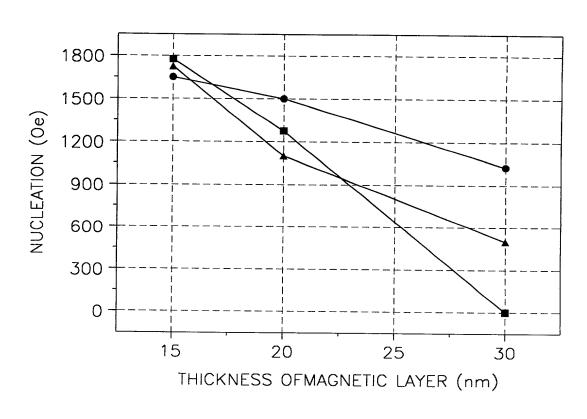


— Pt13.61at%
— Pt14.89at%

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INVENTOR(S): KYUNG-JIN LEE ET AL.
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FIG. 6



EMBODIMENT 11 — EMBODIMENT 12 — EMBODIMENT 13

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FIG. 7

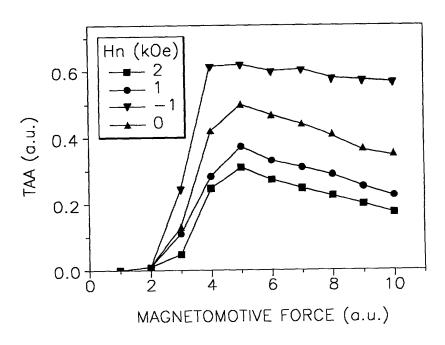


FIG. 8

